

Attorney Docket No.: 18865K-014600US  
Client Ref. No.: FS-18850-US

PTO/SB/01A (08-03)

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76)**

**Title of Invention** MOS-GATED TRANSISTOR WITH IMPROVED UIS CAPABILITY

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or  
☒ Application No. 10/807,917, filed on March 23, 2004,  
☐ as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

**FULL NAME OF INVENTOR(S)**

Inventor 1 Soo-seong Kim

Date: July 14th, 2004

Signature: SooSeong Kim

Citizen of: Korea, South

Inventor 2 Chong-man Yun

Date: July 14, 2004

Signature: [Signature]

Citizen of: Korea, South

Inventor 3 \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Citizen of: \_\_\_\_\_

Inventor 4 \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Citizen of: \_\_\_\_\_

☐ Additional inventors are being named on additional form(s) attached hereto.

60244436 v1

NOT AVAILABLE COPY

**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/807,917
Filing Date	March 23, 2004
First Named Inventor	Kim, Soo-seong
Title	MOS-GATED TRANSISTOR WITH IMPROVED UIS CAPABILITY
Art Unit	2811
Examiner Name	
Attorney Docket Number	18865K-014600US

I hereby appoint:

☒ Practitioners associated with the Customer Number

20350

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

☐ Firm or  
Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

## SIGNATURE of Applicant or Assignee of Record

Name Sang-ui Han

Signature 

Date

July 14, 2004

Telephone

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.

60244466 v1

BEST AVAILABLE COPY



PTO/SB/06 (09-03)

Attorney Docket No. 18865K-014600US

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Soo-seong Kim et al.Application No./Patent No.: 10/807,917Filed/Issue Date: March 23, 2004Entitled: MOS-GATED TRANSISTOR WITH IMPROVED UIS CAPABILITYFairchild Korea Semiconductor Ltd., a corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_ %

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

July 23, 2004

Date

Telephone number

Sang-ui Han

Typed or printed name

Signature

a Section Chief

Title

60244478 v1

BEST AVAILABLE COPY

Attorney Docket No.: 18865K-014600US  
Client Reference No.: FS-18850-US

### ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Soo-seong Kim of A-404, Hyochang Apt., Hyochang-dong, Yongsan-gu, Seoul, South Korea; and Chong-man Yun of 110-101, Ichon Apt., Ichon 1-dong, Yongsan-gu, Seoul, South Korea, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **MOS-GATED TRANSISTOR WITH IMPROVED  
UIS CAPABILITY**

Filing Date: **March 23, 2004**

Application No.: **10/807,917; and**

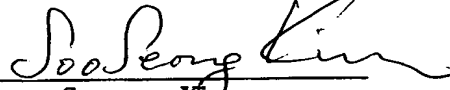
WHEREAS, Fairchild Korea Semiconductor Ltd., located at 82-3, Dodang-dong, Wonmi-ku, Puchon, Kyungki-do, South Korea, hereinafter referred to as "Assignee," is desirous of acquiring Assignors' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all their right, title and interest in and to the said invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignees as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: July 14<sup>th</sup>, 2004

  
Soo-seong Kim

Dated: July 14, 2004

  
Chong-man Yun

60244447 v1

# COPY

BEST AVAILABLE COPY